

DMUX AND VATS ARE CONNECTED WITH OPTICAL FIBER LINES. WHEN FIBER LINE OF VAT IS DISCONNECTED, ATTENUATION AMOUNT THEREOF BECOMES ZERO.

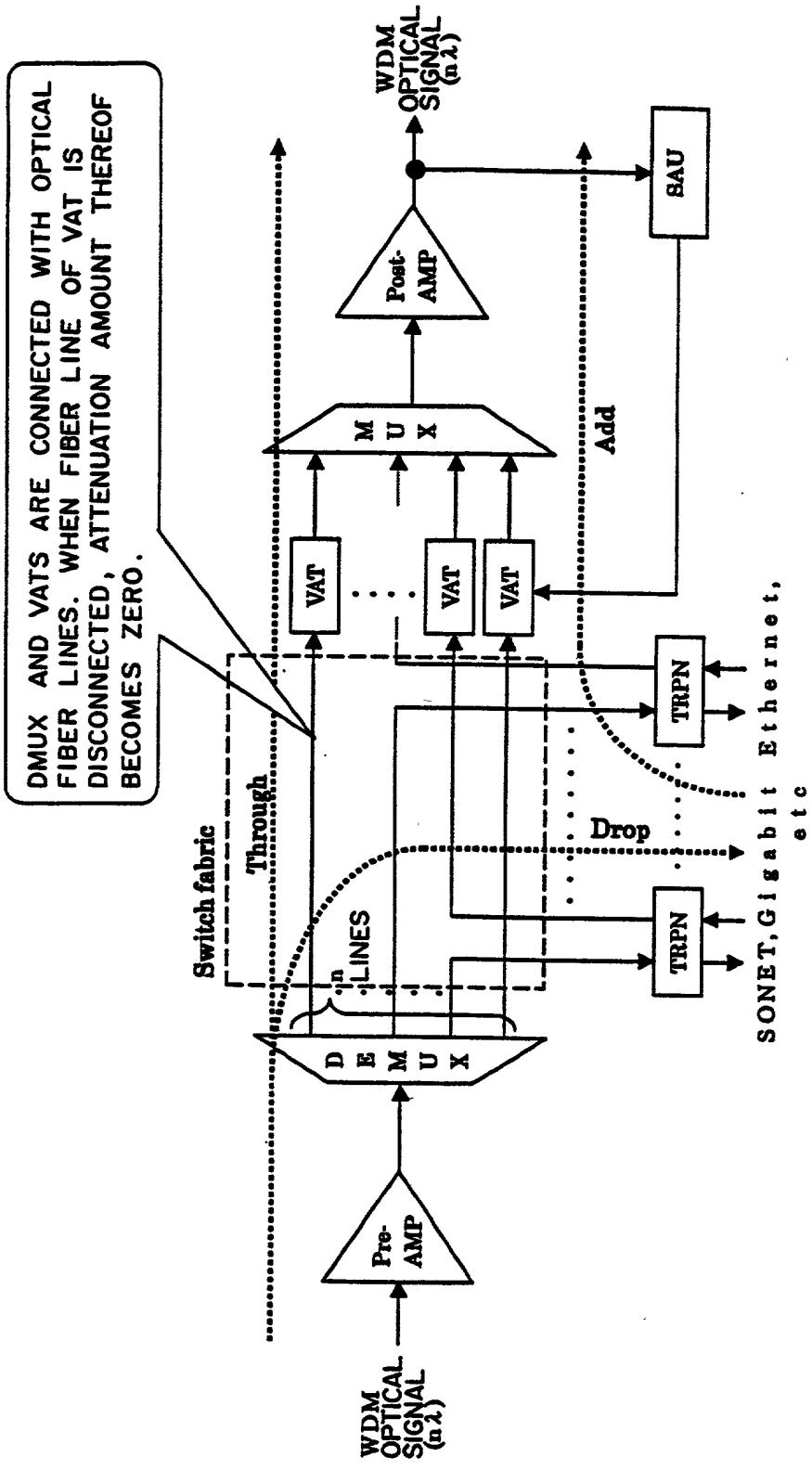


FIG. 1 PRIOR ART

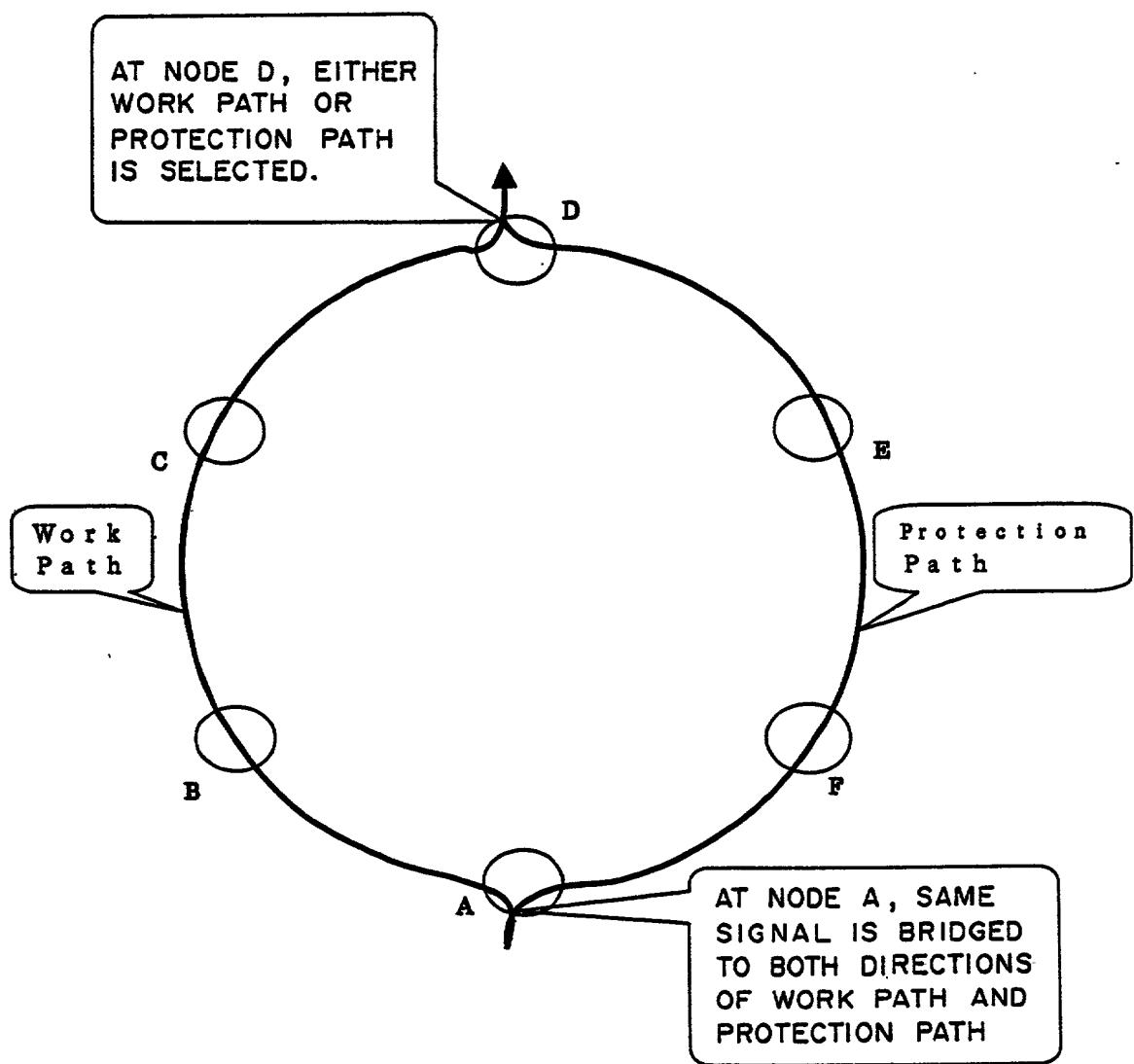


FIG. 2 PRIOR ART

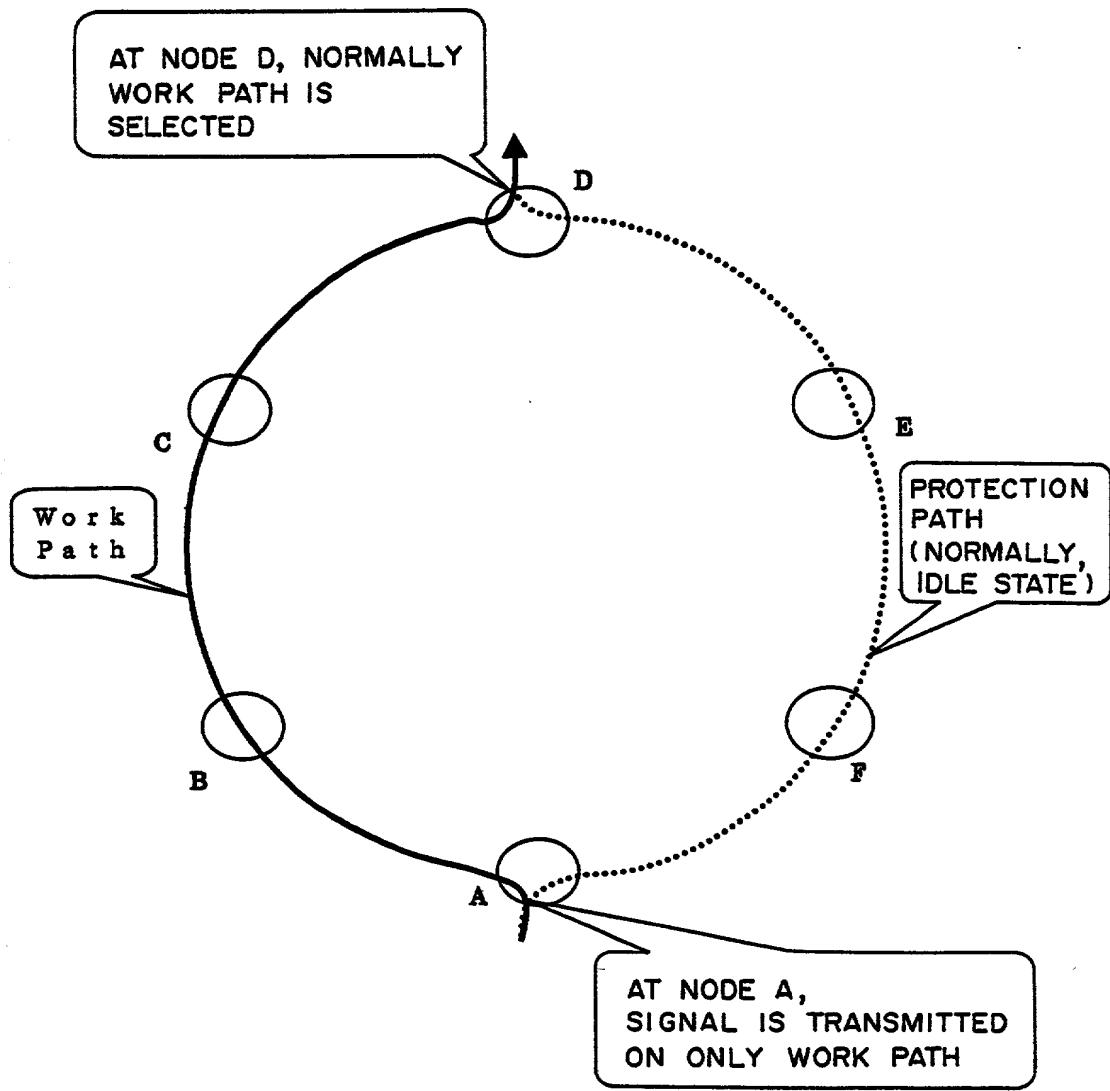


FIG. 3 PRIOR ART

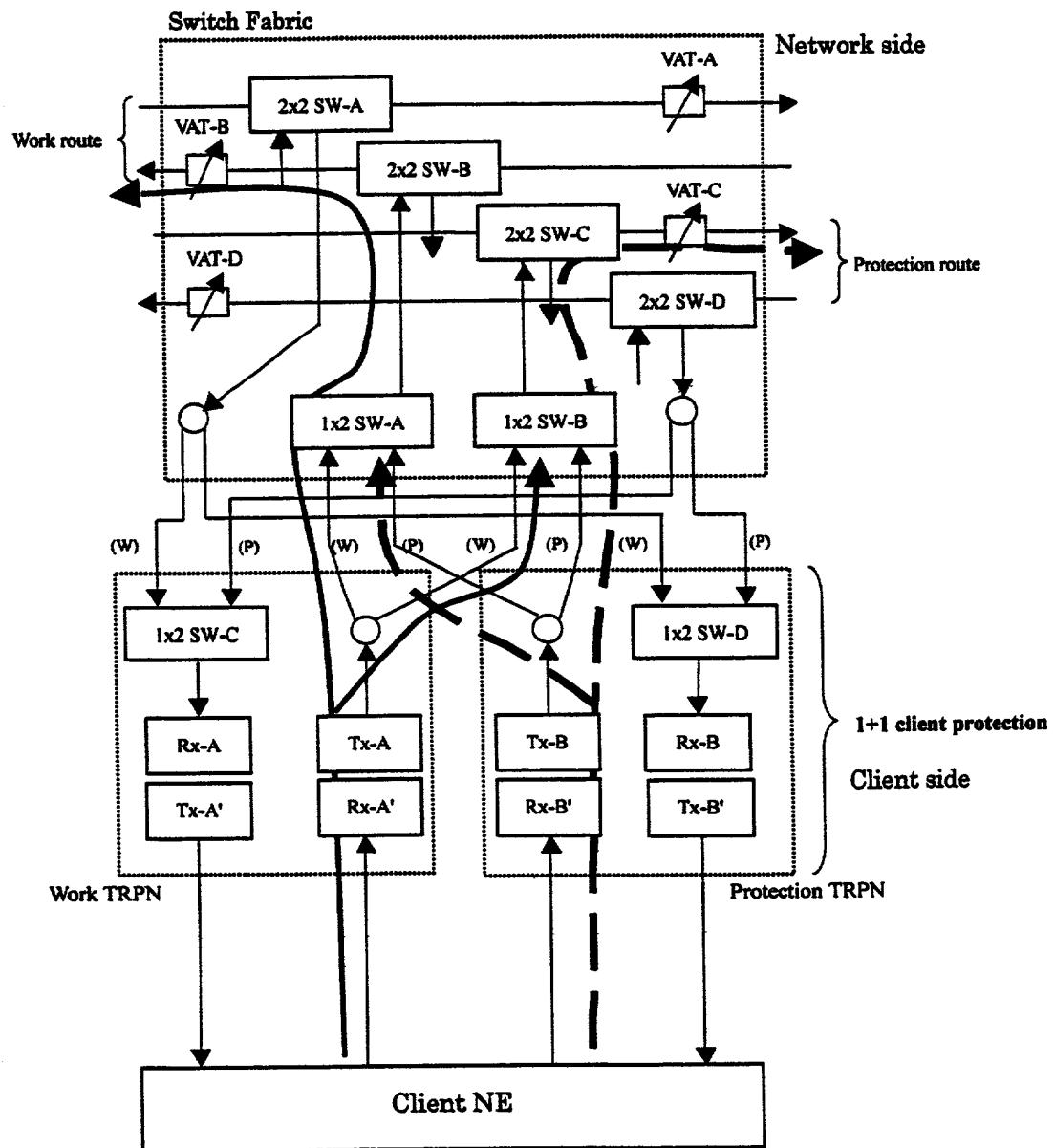


FIG. 4 PRIOR ART

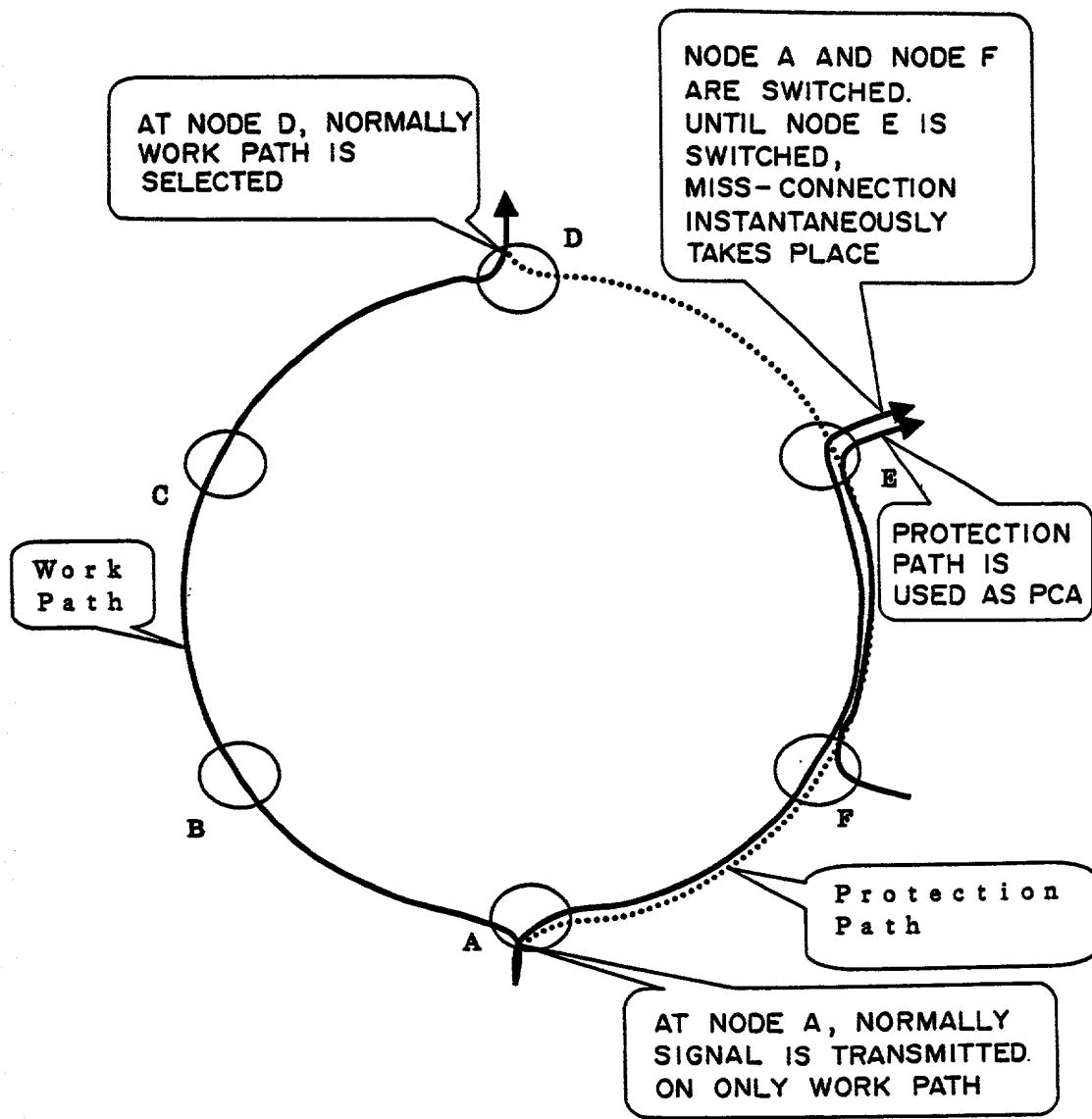
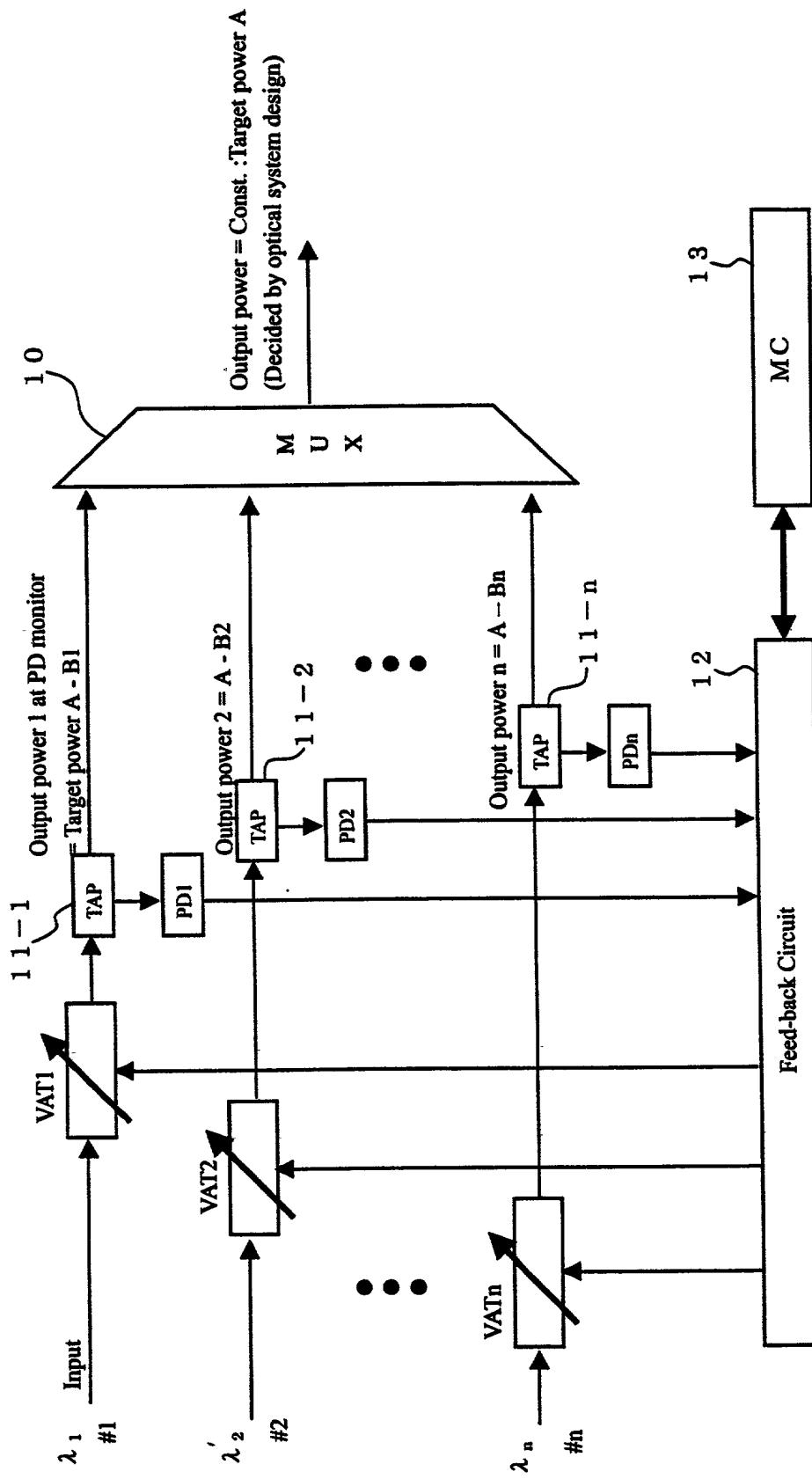


FIG. 5 PRIOR ART

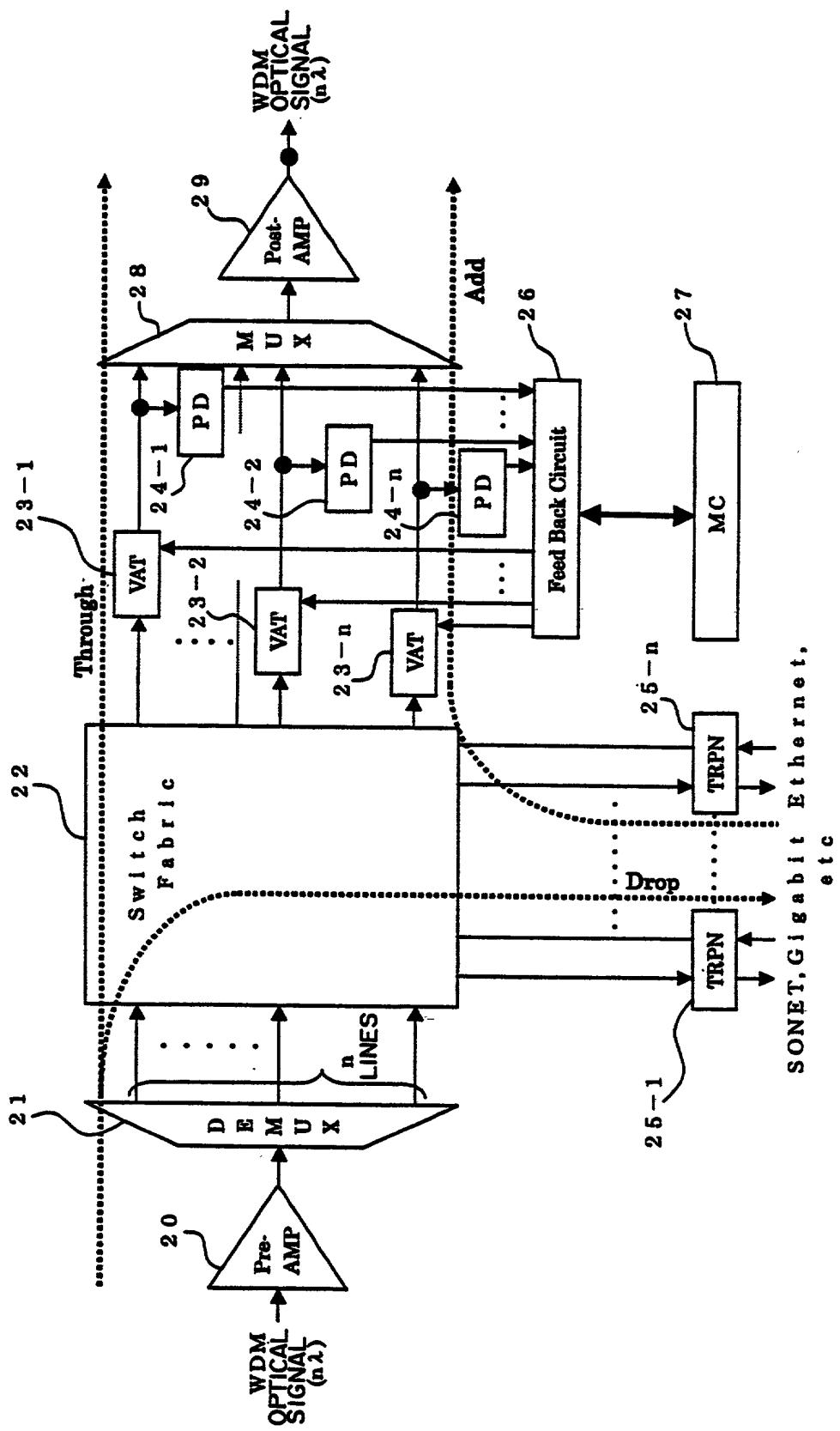


A= Target power at Post Amplifier input

B_x = Off-set power value

B INCLUDES FLUCTUATION OF LOSSES OF PORTS OF AWG, TAP, AND SPLICE (CONNECTOR)
 AND MEASUREMENT ERROR OF PD MONITOR.

FIG. 6



7
FIG.
E

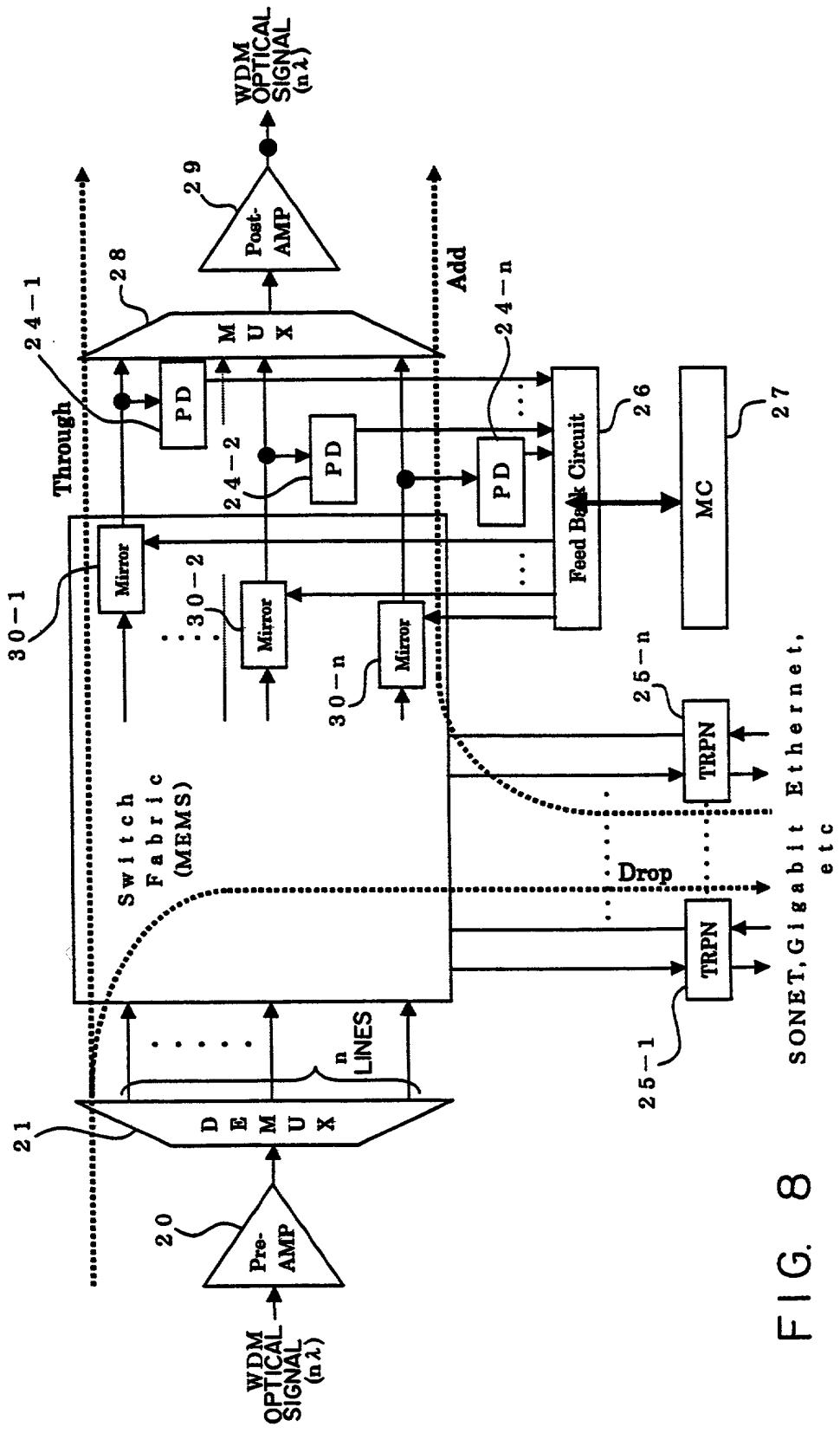
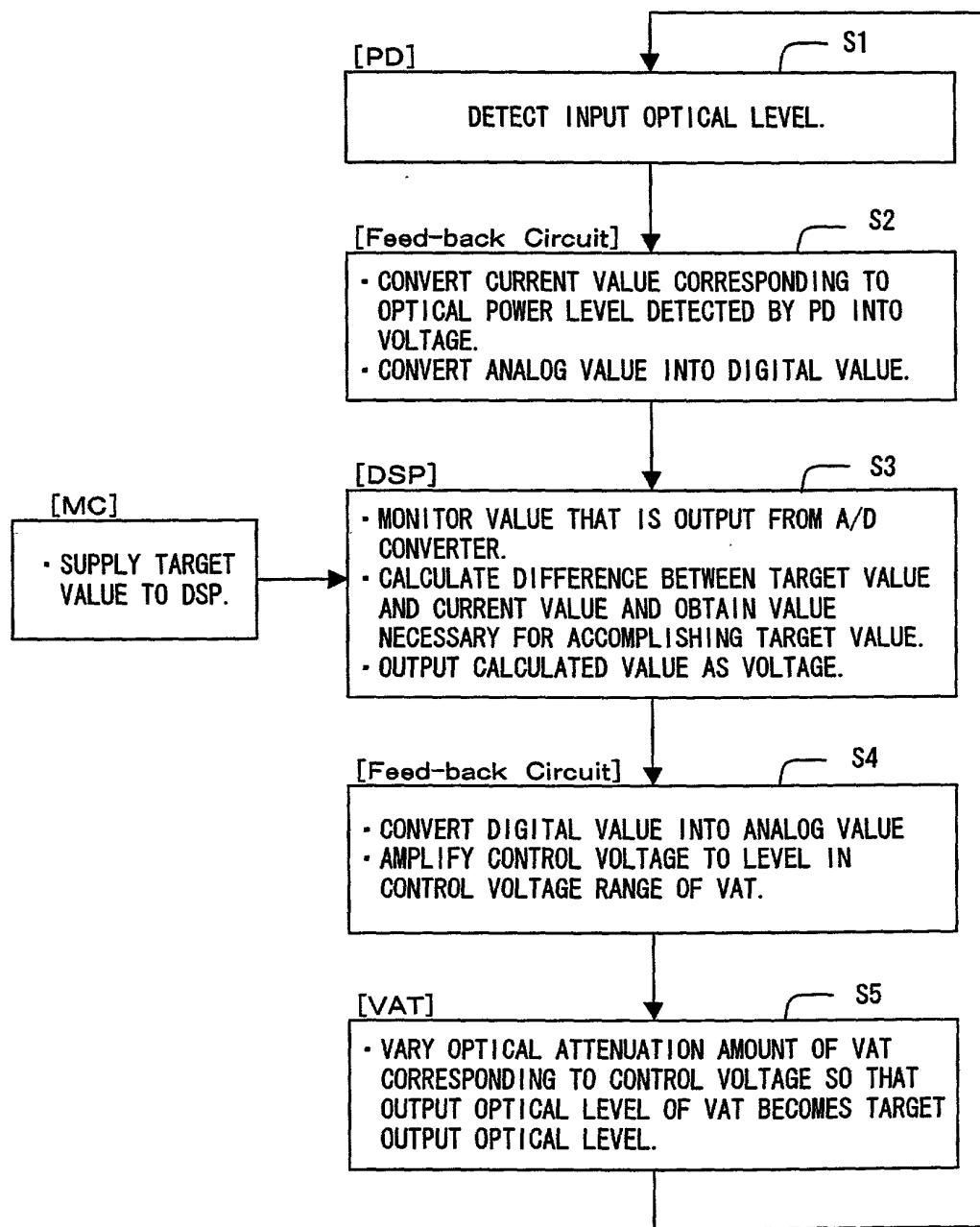


FIG. 8 SONET, Gigabit Ethernet, etc



F I G. 9

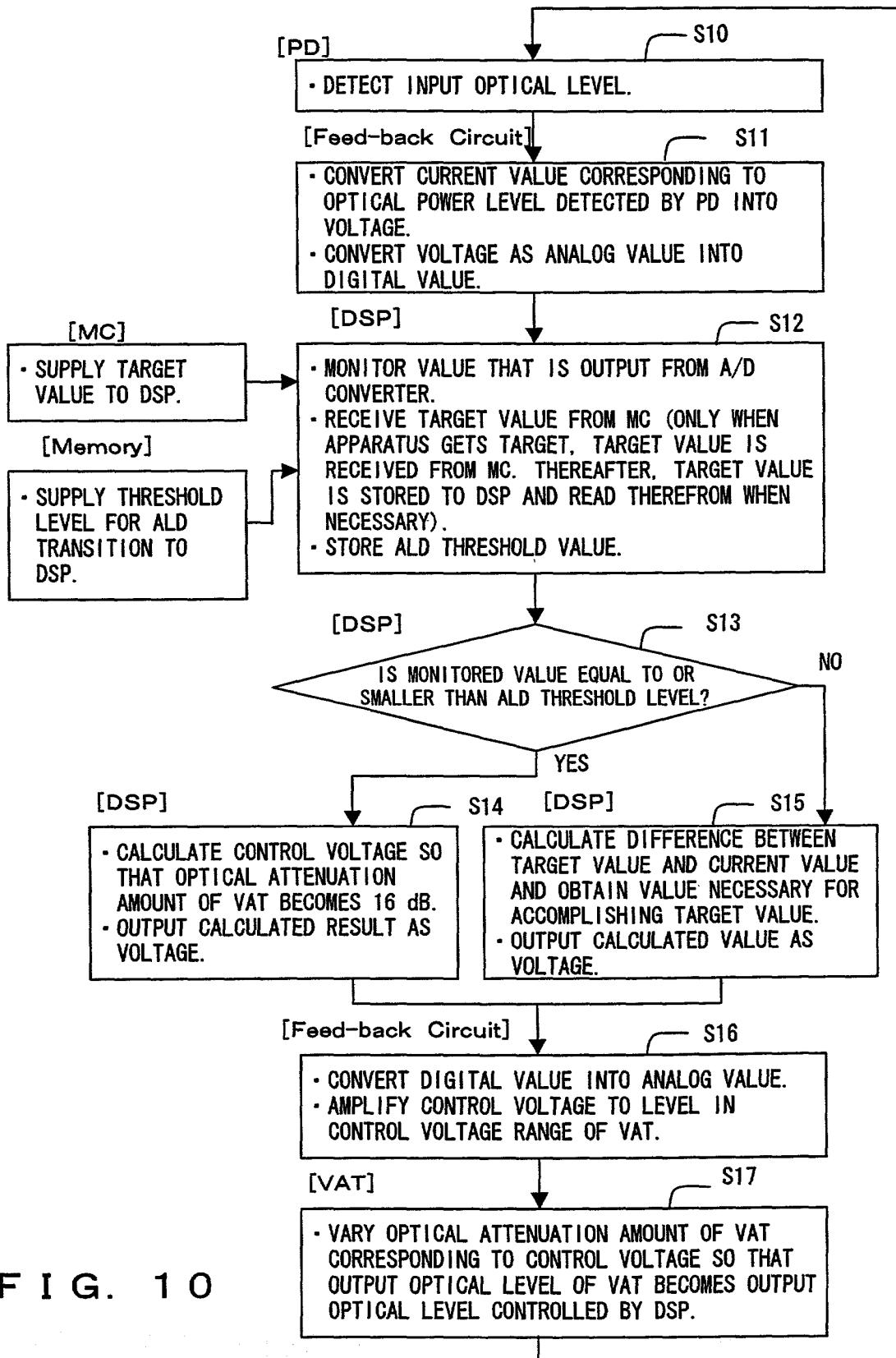


FIG. 10

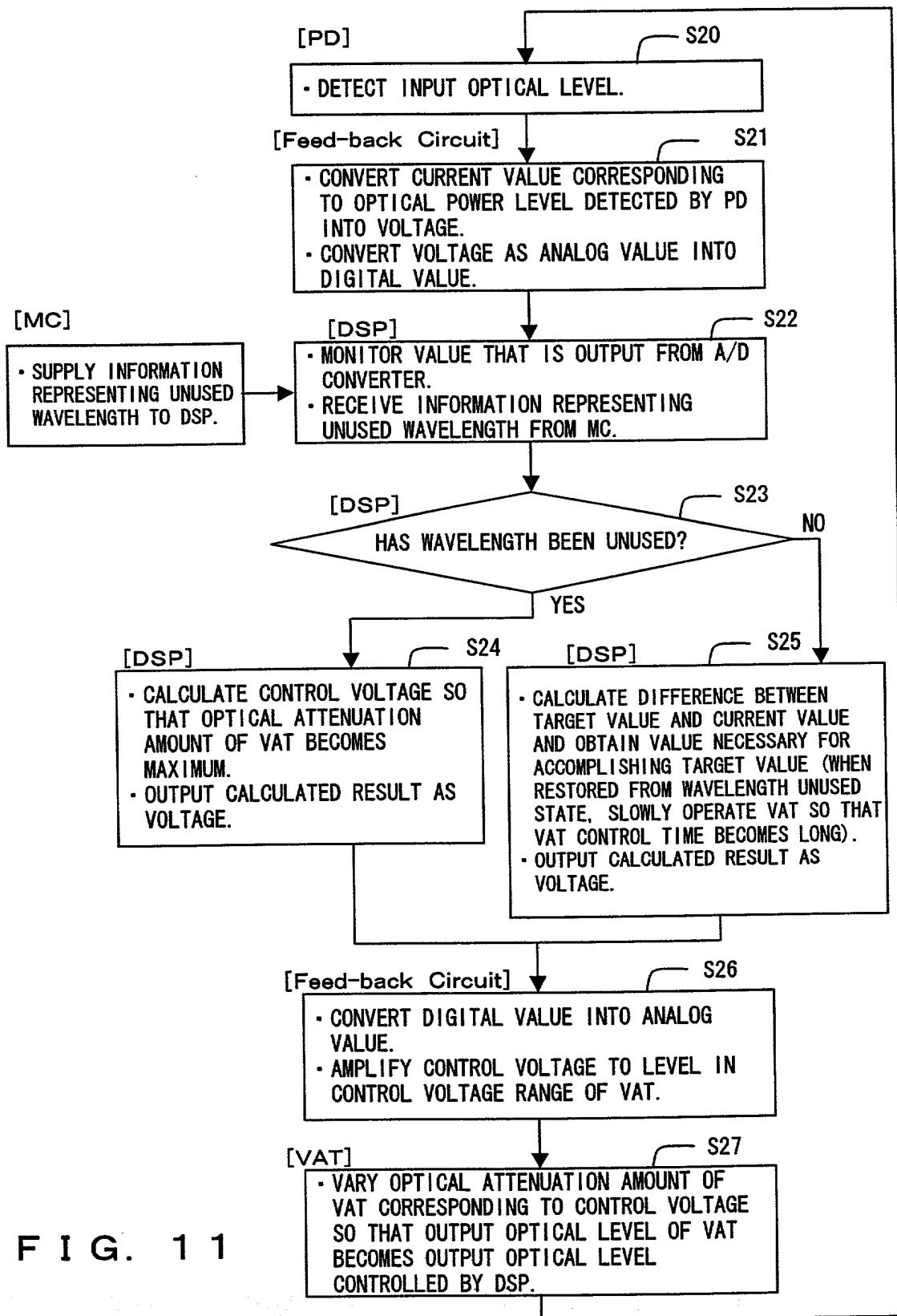


FIG. 11

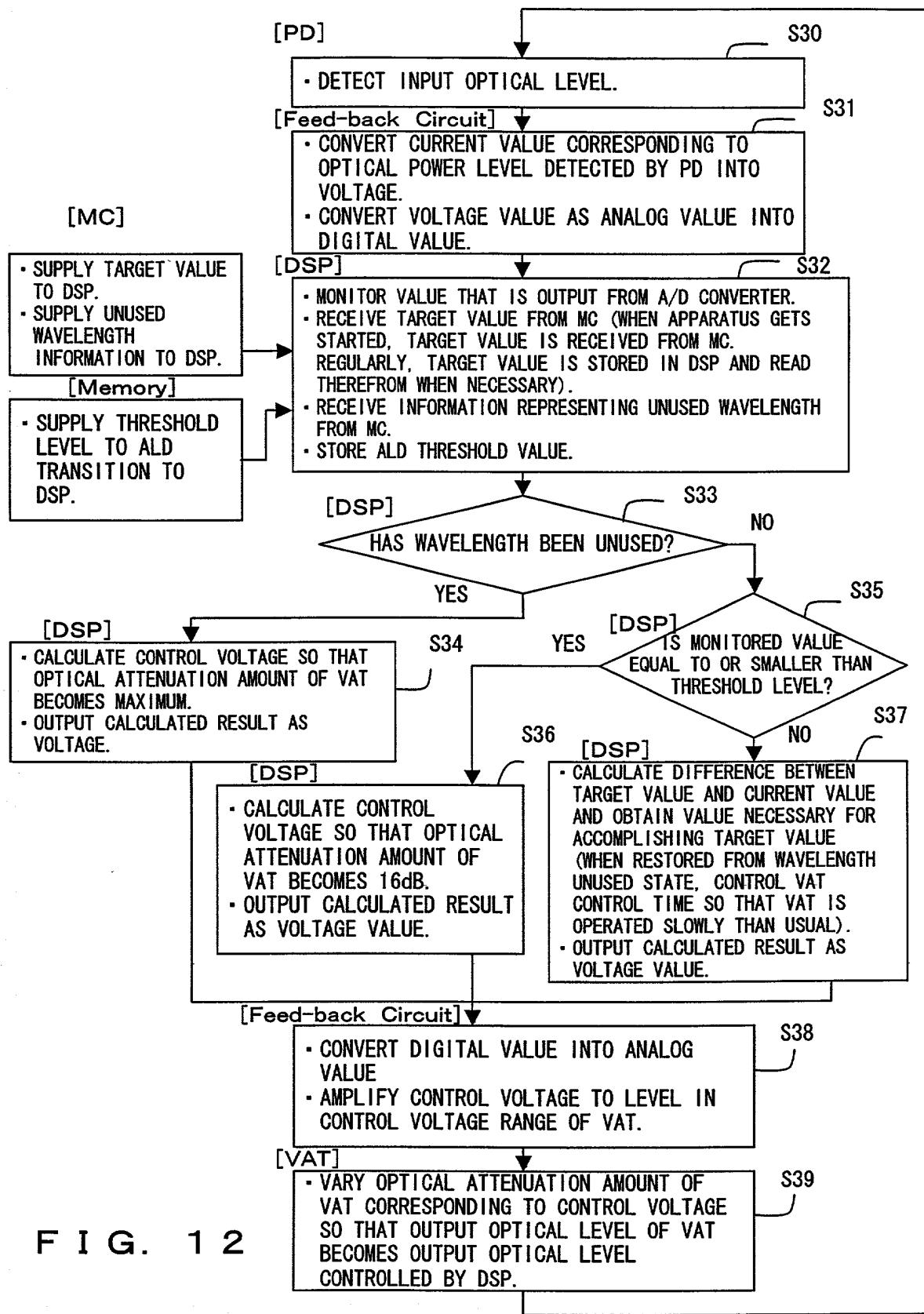


FIG. 12